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UNIVERSITY OF ILLINOIS CIRCULAR

ISSUED QUARTERLY

Vol. II

SEPTEMBER, 1915

No. 1

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# UNIVERSITY OF ILLINOIS College of Dentistry

1915-1916



PUBLISHED BY THE UNIVERSITY OF ILLINOIS  
CHICAGO

# THE UNIVERSITY OF ILLINOIS

THE STATE UNIVERSITY

URBANA

EDMUND J. JAMES, PH. D., LL. D., President

---

## The University Includes the Following Departments:

### The Graduate School

**The College of Liberal Arts and Sciences** (Ancient and Modern Languages and Literatures; History, Economics and Accountancy, Political Science, Sociology; Philosophy, Psychology, Education; Mathematics; Astronomy; Geology; Physics; Chemistry; Botany; Zoology, Entomology; Physiology; Art and Design; Ceramics)

**The College of Engineering** (Architecture; Architectural, Civil, Electrical, Mechanical, Mining, Municipal and Sanitary, and Railway Engineering)

**The College of Agriculture** (Agronomy; Animal Husbandry; Dairy Husbandry; Horticulture and Landscape Gardening; Veterinary Science; Agricultural Extension; Teachers' Course; Household Science)

**The College of Law** (Three years' course)

**The School of Education**

**The Courses in Business** (General Business; Banking; Accountancy; Railway Administration; Insurance; Courses for Commercial Teachers and for Commercial and Civic Secretaries)

**The Course in Journalism**

**The Courses in Chemistry and Chemical Engineering**

**The Courses in Ceramics and Ceramic Engineering**

**The School of Railway Engineering and Administration**

**The School of Music** (Four years' course)

**The School of Library Science** (Two years' course)

**The College of Medicine** (in Chicago)

**The College of Dentistry** (in Chicago)

**The School of Pharmacy** (in Chicago; Ph. G. and Ph. C. courses)

**The Summer Session** (Eight weeks)

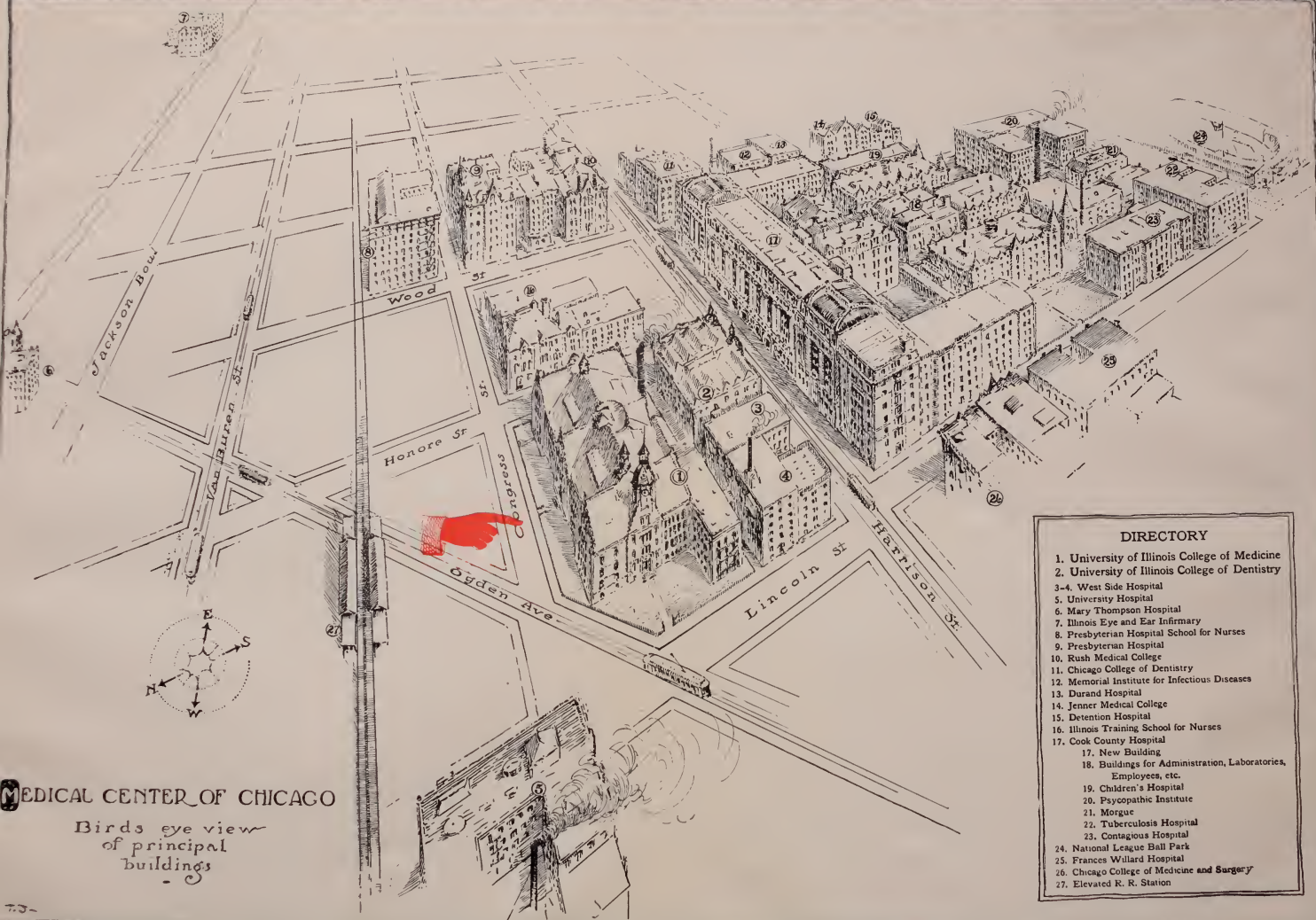
**Experiment Stations:** U. S. Agricultural Experiment Station; Engineering Experiment Station; State Laboratory of Natural History; State Entomologist's Office; Biological Experiment Station on Illinois River; State Water Survey; State Geological Survey; Mine Rescue Station

**The library collections contain** (June 1, 1915) 352,000 volumes, including the library of the State Laboratory of Natural History (8,500 volumes), the Quine Medical Library (14,000 volumes), and the library of the School of Pharmacy (2,000 volumes).

For catalogs and information address

THE REGISTRAR

Urbana, Illinois



#### DIRECTORY

1. University of Illinois College of Medicine
2. University of Illinois College of Dentistry
- 3-4. West Side Hospital
5. University Hospital
6. Mary Thompson Hospital
7. Illinois Eye and Ear Infirmary
8. Presbyterian Hospital School for Nurses
9. Presbyterian Hospital
10. Rush Medical College
11. Chicago College of Dentistry
12. Memorial Institute for Infectious Diseases
13. Durand Hospital
14. Jenner Medical College
15. Detention Hospital
16. Illinois Training School for Nurses
17. Cook County Hospital
17. New Building
18. Buildings for Administration, Laboratories, Employees, etc.
19. Children's Hospital
20. Psychopathic Institute
21. Morgue
22. Tuberculosis Hospital
23. Contagious Hospital
24. National League Ball Park
25. Frances Willard Hospital
26. Chicago College of Medicine and Surgery
27. Elevated R. R. Station

#### MEDICAL CENTER OF CHICAGO

Birds eye view  
of principal  
buildings

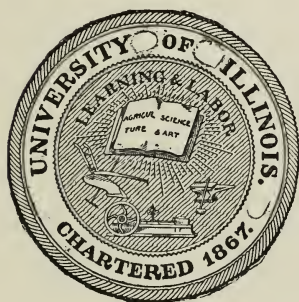


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UNIVERSITY OF ILLINOIS  
COLLEGE OF DENTISTRY

CIRCULAR OF INFORMATION AND  
ANNOUNCEMENTS

1915-1916



CHICAGO

PUBLISHED BY THE UNIVERSITY  
SEPTEMBER, 1915

# THE BOARD OF TRUSTEES

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## MEMBERS EX OFFICIO

THE GOVERNOR OF ILLINOIS.....	<i>Ex-Officio</i>
HON. EDWARD F. DUNNE.....	Springfield
THE PRESIDENT OF THE STATE BOARD OF AGRICULTURE.....	<i>Ex-Officio</i>
LEN SMALL.....	Kankakee
THE SUPERINTENDENT OF PUBLIC INSTRUCTION.....	<i>Ex-Officio</i>
HON. FRANCIS G. BLAIR.....	Springfield

## ELECTED MEMBERS

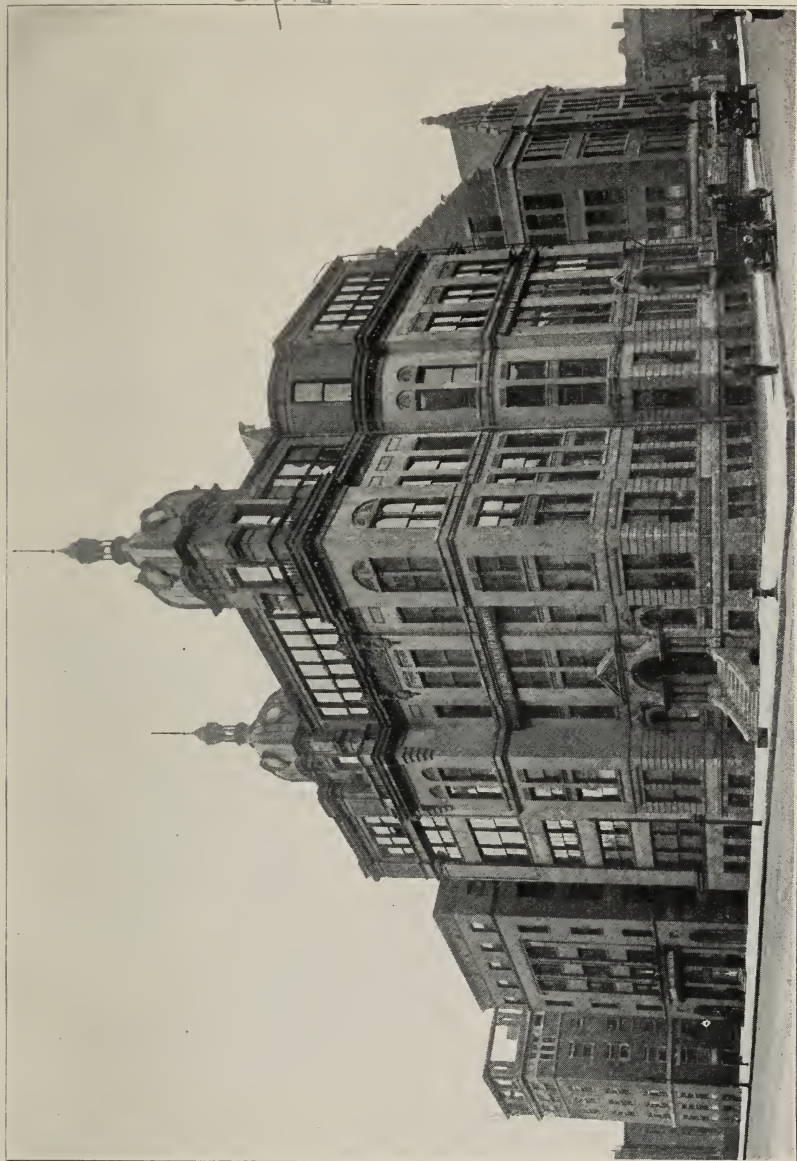
	TERM EXPIRES
WILLIAM L. ABBOTT, 120 W. Adams St., Chicago.....	1917
MARY E. BUSEY, Urbana.....	1917
OTIS W. HOIT, Geneseo.....	1917
ELLEN M. HENROTIN, 1656 N. La Salle Ave., Chicago.....	1919
JOHN R. TREVETT, Champaign.....	1919
FLORENCE E. WATSON, Iola.....	1919
ROBERT F. CARR, 2005 McCormick Bldg., Chicago.....	1921
LAURA B. EVANS, Taylorville.....	1921
ROBERT R. WARD, Benton.....	1921

## Officers of the Board

WILLIAM L. ABBOTT, 120 W. Adams St., Chicago.....	President
HARRISON E. CUNNINGHAM, Urbana.....	Secretary
HAZEN S. CAPRON, Champaign.....	Treasurer
WILLIAM B. CASTENHOLZ, Urbana.....	Comptroller



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COLLEGE OF DENTISTRY OF THE UNIVERSITY OF ILLINOIS





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# CALENDAR 1915, 1916

1915

JANUARY						
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1916

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UNIVERSITY OF ILLINOIS

OFFICERS OF ADMINISTRATION

1914-1915

EDMUND JANES JAMES, Ph.D., LL.D., PRESIDENT

FREDERICK BROWN MOOREHEAD, D.D.S., M.D., F.A.C.S., DEAN

CHARLES MAXWELL McCONN, A. M., REGISTRAR

WILLIAM HENRY BROWNE, SECRETARY

FACULTY

1914-1915

FREDERICK BROWN MOOREHEAD, D.D.S., M.D., F.A.C.S., *Professor of Oral Surgery, Pathology and Bacteriology*

DONALD MACKAY GALLIE, D.D.S., *Professor of Operative Dentistry and Operative Technics*

GEORGE WALTER DITTMAR, D.D.S., *Professor of Prosthetic Dentistry and Prosthetic Technics*

FREDERICK BOGUE NOYES, B.S., D.D.S., *Professor of Orthodontia and Histology. Secretary of the Faculty*

EDGAR DAVID COOLIDGE, D.D.S., *Professor of Materia Medica and Therapeutics*

ALBERT CHAUNCEY EYCLESHYMER, B.S., Ph.D., M.D., *Professor of Anatomy*

GEORGE PETER DREYER, A.B., Ph.D., *Professor of Physiology*

DAVID JOHN DAVIS, B.S., M.D., *Professor of Pathology*

ELMER DEWITT BROTHERS, LL.B., *Lecturer on Dental Jurisprudence*

LOUIS SCHULTZ, D.D.S., M.D., *Assistant Professor of Oral Surgery and Pathology*

LOUIS E. BAKE, D.D.S., *Assistant Professor of Operative Technics and Porcelain Art*

SOLOMON PERRY STARR, D.D.S., *Assistant Professor of Prosthetic Technics*

WILLIAM HENRY WELKER, A.C., Ph.D., *Assistant Professor of Chemistry*

FRANK JOSEPH BERNARD, D.D.S., *Instructor in Extracting*

JOHN C. MCGUIRE, D.D.S., *Superintendent of Infirmary and Instructor in Radiography*

JACOB HYMAN KAPLAN, D.D.S., *Instructor in Operative and Prosthetic Dentistry*

NEWTON G. THOMAS, A.B., D.D.S., *Instructor in Histology*

ROY LEE MOODIE, A.B., Ph.D., *Instructor in Anatomy*

CLAYTON S. SMITH, B.S., M.S., M.D., *Instructor in Chemistry*

ARTHUR G. NAUMAN, D.D.S., *Instructor in Materia Medica*

EDWARD JOHN KREJCI, D.D.S., *Instructor in Operative Dentistry and Therapeutics*

MILZOR WILLIAM DEIST, D.D.S., *Instructor in Operative and Prosthetic Dentistry*

ELMER S. RIGGS, A.B., A.M., *Lecturer in Comparative Anatomy*

W. IRA WILLIAMS, D.D.S., *Instructor in Operative and Prosthetic Dentistry*

WARREN C. HAWTHORNE, B.S., A.M., *Instructor in Metallurgy.*

IRWIN WOODWARD BACH, M.S., M.D., *Instructor in Bacteriology and Pathology*

EDWIN PAUL SWATEK, D.D.S., *Assistant in Oral Surgery*

GROVER TRACY, A.B., *Assistant in Chemistry*

J. CRAIG SMALL, B.S., *Student Assistant in Chemistry*

HOWARD CURL, A.B., *Student Assistant in Physiology*

## CALENDAR

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1915

### FIRST SEMESTER

September 22-24.....	Entrance Examinations at the College in Chicago
October 6 (Wednesday).....	First semester begins
October 16.....	Registration closes
November 25-26-27.....	Thanksgiving vacation
December 24.....	Christmas vacation begins

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1916

January 3.....	Instruction resumed
January 31 to February 4.....	First semester examinations

### SECOND SEMESTER

February 7.....	Second semester begins
February 12.....	Lincoln's Birthday
February 22.....	Washington's Birthday
May 29 to June 2.....	Final examinations
June 2 .....	Class Day Exercises at the College
June 14.....	Commencement at Urbana

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The infirmary is open to patients throughout the year, except on Sundays and legal holidays.

# COLLEGE OF DENTISTRY

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## BUILDING AND EQUIPMENT

### LOCATION

**T**HE College is situated on the corner of Harrison and Honore streets in Chicago. It is located directly opposite the Cook County Hospital, in the center of the clinical field of Chicago. Adjoining the school on the west is the West Side Hospital, and on the north the College of Medicine of the University of Illinois.

### THE COLLEGE BUILDING

The six-story building in which the College is housed contains three amphitheatres, recitation rooms and lecture rooms, laboratories, dissecting rooms, a clinical operating room, and an infirmary. A parlor is provided for the use of the women students.

### PROSTHETIC LABORATORIES

The prosthetic laboratories are three in number, one for each class. They are equipped with new model benches, and each student is provided with two drawers, gas, compressed air, and electric light. Each laboratory is supplied with hot and cold water, electric lathes for grinding and polishing, molding benches, furnaces, and casting devices.

### INFIRMARY

The Infirmary occupies the top floor of the main building. The equipment includes chairs of improved type with fountain cuspidors and instrument brackets attached. Each chair is furnished with an electric engine, electric light, compressed air, gas connection, and a double decked stand to accommodate the student's instrument case. A hot water sterilizer with compartments for each student's instruments is stationed near the center of the Infirmary and is con-



tinuously in operation. Each student is furnished a metal locker. In a cabinet on one of the walls are exhibited specimens of various drugs, both in their crude state and in the various forms in which they are prepared for use in dentistry.

At one end of the Infirmary is a laboratory for the prosthetic work, equipped with apparatus for soldering, plate work, polishing, etc., and a laboratory for porcelain work with electric furnaces and porcelain ovens.

### LIBRARY

The Dental Library is housed with the Quine Library of the College of Medicine of the University of Illinois in the Medical Building adjoining the College of Dentistry. It is open from 9 a. m. to 5 p. m. daily during the school year, with a librarian in attendance. Through the courtesy of Mrs. Margaret Cook, wife of the late Dr. George Washington Cook, former Dean of the College of Dentistry, the dental library belonging to his estate, comprising two hundred volumes, besides unbound volumes of dental journals, has been donated to the College. The principal dental journals are received regularly.

## ADMISSION AND GRADUATION

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### REQUIREMENTS FOR ADMISSION

An applicant for admission to the College of Dentistry must be at least 18 years of age. Women are admitted on the same terms as men.

For admission to the College of Dentistry a candidate must present a certificate of graduation from an accredited high school, or an equivalent; which equivalent is interpreted to mean *fifteen units\* of preparatory work in an accredited high school or academy or a state normal school.*

No "conditions" can be permitted; the full 15 units must be offered.

The foregoing requirement may be satisfied either (a) *by certificate* or (b) *by examination.*

(a) Entrance credits will be accepted by *certificate* from the following sources:

(1) From high schools and academies in the State of Illinois which are accredited to the University of Illinois.

(2) From schools accredited by the North Central Association of Colleges and Secondary Schools.

(3) From schools accredited to the state universities which are included in the membership of the North Central Association of Colleges and Secondary Schools.

(4) From schools approved by the New England College Entrance Certificate Board.

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\*A *unit* is the amount of work represented by the pursuit of one high-school subject for one year of 36 weeks, with five forty-minute recitations each week, or the equivalent in laboratory or other practice.

(5) From school approved by the Regents of the University of the State of New York.

(6) From the state normal schools of Illinois and other state normal schools having equal requirements for graduation.

(b) Entrance credits may be made *by examination*:

(1) In the examinations conducted by the Registrar of the University of Illinois at the University in Urbana in January, July, and September of each year. In the fall of 1915 these examinations will be held September 13-17; for detailed programs address the Registrar, University of Illinois, Urbana, Illinois.

(2) In the examinations conducted by the Registrar of the University of Illinois at the College of Dentistry in the fall. In 1915 these examinations will be held on September 22-24; see detailed program below.

(3) In the examinations conducted in June of each year by the College Entrance Examination Board.

(4) In the examinations conducted by the Regents of the University of the State of New York.

Applicants for admission coming from institutions of higher learning, whether candidates for the freshman class or for advanced standing, must present entrance credentials or pass entrance examinations as indicated above.

The College of Dentistry will receive no student who is not present within 10 days after the opening day of the session in each year, or in case of necessary delay by reason of illness, properly certified by the attending physician, within 20 days after the opening day.

## PROGRAM OF ENTRANCE EXAMINATIONS

*To be held at the College of Dentistry, Sept. 22-24, 1915*

*Chemistry, 1 unit.....	Wed., Sept. 22, 8:00 a.m.
Geology, ½ unit or 1 unit.....	Wed., Sept. 22, 8:00 a.m.
English Literature, 2 units.....	Wed., Sept. 22, 8:00 a.m.
Astronomy, ½ unit.....	Wed., Sept. 22, 10:30 a.m.
English Composition, 1 unit.....	Wed., Sept. 22, 10:30 a.m.
‡History, 1, 2, or 3 units.....	Wed., Sept. 22, 1:30 p.m.
*Physics, 1 unit .....	Wed., Sept. 22, 1:30 p.m.
Business Law, ½ unit.....	Wed., Sept. 22, 3:30 p.m.
Algebra, 1 unit or 1½ units.....	Thurs., Sept. 23, 8:00 a.m.
Civics, ½ unit or 1 unit.....	Thurs., Sept. 23, 8:00 a.m.
Economics, ½ unit or 1 unit.....	Thurs., Sept. 23, 8:00 a.m.
†Physiology, ½ unit or 1 unit.....	Thurs., Sept. 23, 10:30 a.m.
German, 1st unit, or 2nd unit, or both....	Thurs., Sept. 23, 10:30 a.m.
Latin, 1st unit, or 2nd unit, or both.....	Thurs., Sept. 23, 10:30 a.m.
Geometry, Plane, 1 unit.....	Thurs., Sept. 23, 1:30 p.m.
Spanish, 1st unit, or 2nd unit, or both....	Thurs., Sept. 23, 1:30 p.m.
Geometry, Solid and Spherical, ½ unit...	Thurs., Sept. 23, 3:30 p.m.
German, 3rd unit, or 4th unit, or both....	Thurs., Sept. 23, 3:30 p.m.
*Botany, ½ unit or 1 unit.....	Fri., Sept. 24, 8:00 a.m.
Commercial Geography, ½ unit or 1 unit....	Fri., Sept. 24, 8:00 a.m.
*Zoology, ½ unit or 1 unit.....	Fri., Sept. 24, 10:30 a.m.
Bookkeeping, 1 unit .....	Fri., Sept. 24, 10:30 a.m.
French, 1st unit, or 2nd unit, or both.....	Fri., Sept. 24, 1:30 p.m.
†Physical Geography, ½ unit or 1 unit.....	Fri., Sept. 24, 1:30 p.m.
Latin, 3rd unit, or 4th unit, or both.....	Fri., Sept. 24, 3:30 p.m.
French, 3rd unit, or 4th unit or both.....	Fri., Sept. 24, 3:30 p.m.

The time for examinations in agriculture, domestic science, manual training, freehand or mechanical drawing, Greek, trigonometry, and the fourth unit in English, will be arranged with applicants.

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\* Note-book required.

† Note-book required for 1 unit; not required for ½ unit.

‡ Three units may be offered in history, made up from the following: Ancient history to 800 A. D., 1 unit; medieval and modern history, 1 unit; English history, ½ unit or 1 unit; American history, ½ unit or 1 unit.

## ADMISSION TO ADVANCED STANDING

PERSONS who can meet the requirements for admission to this college and who have studied dentistry in other schools for not less than one year may be admitted to advanced standing after satisfying the faculty that they have completed an amount of work equivalent to that which is exacted by this college in the respective classes.

Students who have had one or more years in the College of Medicine of the University of Illinois or in other medical colleges of equal rank, are allowed credit toward graduation for so much of the required course in dentistry as was included in their medical course. They must, however, be registered for full time. Graduates of the University of Illinois with the A.B. or B.S. degree, who have taken the biological and chemical courses of the University, can secure advanced standing in the dental course, provided they have done full work in the science subjects required in the dental curriculum.

Graduates of recognized medical colleges may secure advanced credit for work and one year of time toward graduation, and are excused from lectures and examinations in general anatomy, chemistry, histology, pathology, and physiology, but are required to take lectures and examinations in dental subjects.

## LENGTH OF COURSE

The regular session of 1915-1916 will begin on October 6, 1915, at 8:30 a. m., in College building. The courses are graded and cover three years of college work. The teaching of one year is not repeated, and the course is progressive, the several classes having separate laboratories and at no time taking lectures or demonstrations together.

Students can be admitted to the regular course only during the first ten days of the first semester. Students who desire to pursue special studies may be received at any time.

If, for any cause, a regular student desires to extend his studies over a period of four or more years, a course of study will be specially arranged for him.

Beginning with the session of 1917, the course of instruction will be four years.

## REQUIREMENTS FOR GRADUATION

The degree of Doctor of Dental Surgery will be conferred on students who have completed the course of instruction, attended the required time, and passed satisfactory final examinations. To be eligible to the degree, the student must be twenty-one years of age, must possess a good moral character, and must have paid all fees.

The monthly report of attendance, and the standing of students in quizzes, recitations, laboratory work, and infirmary practice, both operative and prosthetic, are considered in making up the rating of final examinations.

## METHOD OF INSTRUCTION

Instruction is given by means of lectures, recitations, demonstrations, and laboratory work. The time of the student is about equally divided between laboratory and clinical work on the one hand and lectures and recitations on the other.

Students are admitted to the laboratories from the beginning of the first year. The laboratory work is closely correlated with the lectures and clinical studies.

In the clinical work, methods both of investigation and of reasoning are carefully and systematically taught. Diagnosis, prognosis, and indications for treatment receive no less attention than methods of construction and the technic of procedures.



## GENERAL DESCRIPTION OF COURSES

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### BACTERIOLOGY, PATHOLOGY, AND ORAL SURGERY

FREDERICK BROWN MOOREHEAD, D.D.S., M.D., F.A.C.S., *Professor Oral Surgery, Bacteriology, and Pathology, and Head of the Department*

DAVID JOHN DAVIS, B.S., M.D., *Professor of Pathology*

LOUIS SCHULTZ, D.D.S., M.D., *Assistant Professor, Oral Surgery and Pathology*

FRANK JOSEPH BERNARD, D.D.S., *Instructor, Extracting*

EDWIN PAUL SWATEK, D.D.S., *Clinical Assistant in Oral Surgery*

IRWIN WOODWARD BACH, M.S., M.D., *Assistant, Bacteriology and Pathology*

ANNA BOLAN, *Nurse in Oral Surgery Clinic*

**GENERAL BACTERIOLOGY.** The general aspects of bacteriology, with emphasis on work of practical value to dental students. Classification of bacteria, products of bacterial growth, and methods of observing, cultivating, isolating, and identifying bacteria. Special attention is given to sterilization and disinfection and to such pathogenic bacteria as occur in connection with diseased conditions of the mouth. Practical illustrations and laboratory technic. Actual cultures are obtained from the mouths of patients or students, the growth of the culture is watched, and the various organisms are separated into pure cultures by the petri-plate method. The morphological and biological characters of these pure cultures are studied, and this pathogenicity is demonstrated by the use of rabbits and guinea pigs. Each student in the laboratory is supplied with all the material that would be necessary in a private laboratory to carry out the entire cultural and staining technic. The latter part of the year is devoted to the study of micro-organisms of the human mouth, their etiological relation to dental caries, pathological conditions of first and second dentition, sensitive dentin, hyperemia and congestion, pulp nodules, putrescent pulps, acute and chronic alveolar abscesses, diseases of the peridental membrane, necrosis of hard and soft tissues. Lectures, recitations, demon-

strations, and laboratory work. *112 hours; 7 hours per week, first semester; junior year.*

Professor DAVIS and Assistants

GENERAL PATHOLOGY. The essentials of general pathology, including circulatory disturbances, retrogressive and progressive processes, inflammation, and tumors; the special pathology of the important organs of the body, with some exercises in blood and urine analysis. Especial attention is given to disease processes involving the teeth and buccal cavity. Lectures, recitations, demonstrations of fresh and preserved specimens, and laboratory work. *112 hours; 7 hours per week, second semester; junior year.*

Professor DAVIS and Assistants

SPECIAL BACTERIOLOGY AND PATHOLOGY. Studies in the bacteriology and pathology of the oral cavity, and the relation of foci of infections found in the mouth to constitutional diseases. The study of practical cases, taken from the surgical clinic and infirmary, is supplemented by lectures, recitations, demonstrations, and laboratory work. The pathology of the pulp and peri-dental membrane receives special study. *96 hours, 3 hours per week, first and second semesters; senior year.*

Professor MOOREHEAD, Assistant Professor SCHULTZ, and Assistants

ORAL SURGERY. The course in oral surgery is designed to prepare the student to interpret properly the lesions which fall within the limits of the practice of oral surgery. While major operations are performed in the clinic, special emphasis is laid upon the diagnosis and treatment of the minor lesions, which properly belong to the general practice of dentistry.

(a) *Lectures and recitations* designed to give the student a comprehensive grasp of the field of general and special surgery, including etiology, diagnosis, treatment, and local and general anesthetics. *64 hours; 2 hours a week, first and second semesters; senior year.*

(b) *Surgical Clinic.* A clinic is held every Monday morning from 9:00 to 12:30 o'clock. The first two hours are devoted to diagnosis and case discussions and the last hour and a half to operations. At the beginning of the period, cases are assigned to students in groups of three. These cases are presented to the clinic with history, diagnosis, and treatment outlined. Each case is reviewed in detail by the head of the department. Each student is required to present

a comprehensive report of at least three cases. These reports cover history, diagnosis, and full description of treatment, together with special examinations of tissues, secretions, etc., and post-operative observations—in short, the entire history of the case from date of entrance to dismissal. *112 hours, 3½ hours a week, first and second semesters; senior year.*

Professor MOOREHEAD, Assistant Professor SCHULTZ, and Assistants

EXTRACTING CLINIC. A clinic on extracting teeth held two afternoons a week throughout the year. The selection and application of forceps and elevators; demonstration of the proper use of nitrous oxid and oxygen; demonstration of novocain, illustrating conduction and infiltration methods; asepsis and after treatment of cases. *192 hours; 6 hours per week, first and second semesters; senior year.*

Dr. BERNARD

## OPERATIVE DENTISTRY

DONALD MacKAY GALLIE, D.D.S., *Professor*

LOUIS E. BAKE, D.D.S., *Assistant Professor*

JOHN C. MCGUIRE, D.D.S., *Superintendent of Infirmary, Instructor*

JACOB HYMAN KAPLAN, D.D.S., *Instructor*

W. IRA WILLIAMS, D.D.S., *Instructor*

The principles and practice of operative dentistry are taught throughout the entire dental course, by means of lectures, recitations, quizzes, technic and laboratory instruction, and practical demonstrations in the infirmary.

Beginning with the opening of the first semester a thorough course is given in dental anatomy and the nomenclature of the teeth. This is followed by instruction in operative technics, including the study and carving of tooth forms, free hand drawings of tooth surfaces, a study of the pulp chambers and canals in extracted teeth, the making and uses of dental instruments, the preparation of cavities, and a study of the filling materials and their application and manipulation.

The second year includes lectures, recitations, and quizzes on the technical procedures in filling teeth and advanced technic work demonstrating the preparation of all classes of cavities in the odontotype and the filling of same with the materials indicated. During the second semester, junior students, upon completion of all technic work, will be admitted to the infirmary, where the instruc-

tion of the technic room and laboratory is carried into practice under the supervision of the infirmary instructors.

The third year's work includes a review of all previous work, advanced technic, practical demonstrations in the infirmary, and thorough instruction in the handling of patients.

The operative dentistry clinic is under the direct supervision of the Professor of Operative Dentistry. The infirmary and laboratories are open throughout the year for the benefit of students who desire to take advantage of a greater clinical experience.

**FIRST YEAR.** (1) Nomenclature: a study of the important technical words used in dentistry. (2) A study of tooth forms with the aid of charts, drawings, and models. Carving tooth forms in ivory or bone, dissections and studies of the pulp chamber and canals, cutting and describing longitudinal and transverse sections. (3) Instrument making: A study of classification, formulae, uses, tempering, sharpening, and care. (4) Cavity preparation in ivory blocks and tooth forms according to definite measurements; instruction as to instruments indicated for different cavities; and demonstration of manipulation, grasps, rests, and direction and control of force. (5) Treating, cleaning, and filling of root canals. (6) Filling materials, their application, preparation, and manipulation. *256 hours; 8 hours per week, first and second semesters.*

Assistant Prof. BAKE and Dr. KAPLAN

**SECOND YEAR.** Cavity nomenclature and cavity preparation. By the aid of the odontotype, which includes all the different teeth in the mouth, all classes of cavities are prepared and filled with the material that tooth, cavity location, and conditions call for. Inlay technic, both gold and porcelain; correct chair positions, the application of the rubber dam, the use of clamps, wedges, and separation. *Operative Clinic:*—Beginning with the second semester, second year students are admitted to the infirmary, and given instruction in oral prophylaxis, followed by regular infirmary work. *One lecture and recitation throughout the year; 128 hours, laboratory.*

Professor GALLIE and Assistant Professor BAKE

**THIRD YEAR.** A review of the technical procedures taught in the preceding years, followed by lectures and recitations covering the whole field of the principles and practices of operative dentistry. The management of patients. The management of special cases. The treatment and filling of children's teeth. Considera-

tion and management of cases of erosion, atrophy, and abrasions.  
*64 hours; 2 hours per week, first and second semesters.*

Professor GALLIE

Professors Gallie and Bake will spend one afternoon a week in the infirmary, and senior students are required to show to them all classes of operative procedures.

## PROSTHETIC DENTISTRY

GEORGE WALTER DITTMAR, D.D.S., *Professor*

SOLOMON PERRY STARR, D.D.S., *Assistant Professor*

JACOB HYMAN KAPLAN, D.D.S., *Instructor*

W. IRA WILLIAMS, D.D.S., *Instructor*

This department offers a graded course extending through the freshman, junior, and senior years, and covering the various methods used to restore the lost organs of the oral cavity, the metals and materials employed with their physical properties and peculiarities, the various instruments and appliances and their uses, and the normal and abnormal conditions of the teeth, jaws, and palate. Prosthetic technics, which embraces the fundamentals involved in the construction of plate dentures, crowns, bridge work, inlays, and the numerous prosthetic productions, is taught in the laboratories, where each student is required to make numerous technic pieces. Junior and senior students are required to perform various kinds of practical prosthetic operations in the dental infirmary under the supervision of instructors.

The primary object sought in this course is that each piece of prosthetic work placed within the mouth of each patient shall be so constructed that it will be useful, durable, and comfortable.

FIRST YEAR. The anatomical and mechanical terminology peculiar to this department. The oral cavity from the view point of the prosthetist. The materials used. Taking impressions for full and partial dentures, using the various materials and appliances employed in the procedures of securing perfect impressions. The pouring of plaster casts and the making of models. Making the various kinds of base plates for full and partial cases; the selecting, fitting, grinding, and arranging of teeth with reference to articulation and occlusion; the carving, polishing, and finishing of the several kinds of full and partial vulcanite dentures; the several methods of producing a model which is to be used to create a die; casting the die; counter die construction; swaging

of partial and full metallic plates; the principles of soldering and their application in constructing metal plates, clasps, and lingual bar dentures; casting aluminum and "fusible metal" plates, and the various methods applicable to repair work. *256 hours; 8 hours per week, first and second semesters.*

Assistant Professor STARR and Dr. KAPLAN

SECOND YEAR. Terminology peculiar to crown and bridge work; the underlying principles of crown work and mechanism of construction; root preparation, band construction, and crown conformation. Restoration of badly decayed roots preparatory to placing crowns. Methods of repairing and restoring portions of fractured roots. The carving, swaging and casting of cusps; the swaging of seamless crowns; the casting of full metal and porcelain faced crowns, cap and pin crowns; the grinding and backing of facings; the application of the various forms of detachable porcelain crowns to crown and bridge work.

Description and demonstration of various systems of bridge work; the application of the casting process to bridge construction; the indications for removable bridge work; the various forms of tenso-friction attachments and where the different attachments are indicated. The various forms of splints and bar supports; the selection of the proper porcelain facings and crowns; how to modify with grinding, polishing, and staining.

Junior students are required to perform the various prosthetic operations in the infirmary clinic after the completion of the technic work. *224 hours; 7 hours per week, first and second semesters.*

Professor DITTMAR, Assistant Professor STARR, and Dr. KAPLAN

THIRD YEAR. A careful review of the principles and essentials of plate denture construction. The human dental mechanism; the temporo-mandibular articulation; the normal and abnormal conditions of the oral cavity and the indications for the various forms of prosthetic operations. The application of scientific occluding frames in denture construction, registering the condyle paths and rotation points of the mandible. The physiognomy and temperamental characteristics of individuals with a view of constructing dentures with teeth of proper size, form, shade, and arrangement. The grinding, shaping, and staining of porcelain teeth. The construction of continuous gum dentures and vulcanite and metallic bases. Partial plates and removable bridge construction. Porcelain



and the various forms of porcelain teeth. Forms of crowns and bridge construction, with indication and special technic. Splints of various forms for the retention of loosened teeth and maxillary fractures; the construction of velæ and obturators for the restoration of cleft palates. *32 hours; 1 hour per week, first and second semesters.*

Professor DITMAR

## MATERIA MEDICA AND THERAPEUTICS

EDGAR D. COOLIDGE, D.D.S., *Professor*

ARTHUR G. NAUMAN, D.D.S., *Instructor*

The course in Materia Medica and Therapeutics is both general and special in character. The work outlined is intended to place before the student a comprehensive view of both subjects and finally to train him to make specific applications in the practice of general dentistry.

MATERIA MEDICA, FIRST YEAR. A detailed study of drugs, especially those used in dentistry. The terminology of materia medica. *Thirty-two hours; one hour per week, first and second semesters.*

Dr. NAUMAN

MATERIA MEDICA, SECOND YEAR. The study of drugs, continued. Pharmaceutical preparations and the classification of drugs. Methods of administering drugs; conditions which modify their effects; their action upon the tissues and organs. Poisons, their action and treatment. The course is illustrated by a series of laboratory and animal experiments. Lectures and recitations. Text-book: Prinz's *Dental Materia Medica and Therapeutics*. *Sixteen hours; one hour per week, first semester.*

Professor COOLIDGE

THERAPEUTICS, SECOND YEAR. Prescription-writing; inductive studies in pathological lesions with their treatment; dental caries; salivary deposits; detailed studies in oral hygiene and prophylaxis. Lectures and recitations. Text-books: Prinz's *Materia Medica and Therapeutics*; Marshall's *Mouth Hygiene*. *Sixteen hours; one hour per week, second semester.*

Professor COOLIDGE

THERAPEUTICS, THIRD YEAR. The field of practical therapeutics with which the student comes in contact upon his entrance to the infirmary. The pathologic conditions of the peridental membrane and pulp and the treatment of these conditions. The dental caries and the progressive stages of the diseases of the dental pulp, including the treatment of such conditions as hypersensitive dentin,

pulp capping, and active and passive hyperemia of the pulp, together with anesthetization and devitalization of the pulp, its removal, and the subsequent treatment and filling of root canals. Pulp gangrene, suppuration, and alveolar abscess and the treatment of these conditions. The causes of tooth discoloration and methods of bleaching. The periodontal membrane and the treatment of such conditions as pericementitis, apical and complete, septic and non-septic, phagadenic pericementitis, gingivitis, pyorrhea, and stomatitis. The student is required to diagnose conditions found in the mouths of the patients and to outline the course of treatment under the supervision of the head of the department. A complete record of treatment of every case is made by the student and filed as part of his scholastic record. Preventive treatment is emphasized throughout the course. The student is required to do work in oral prophylaxis and to allow his own mouth to be examined at the request of the head of the department at any time during the year. Each student is required to write a thesis upon the subject of oral hygiene before graduation. Text-book: Prinz's *Dental Materia Medica and Therapeutics*. Reference books: Buckley's *Modern Dental Materia Medica, Pharmacology and Therapeutics*; Stevens' *Modern Materia Medica and Therapeutics*; Long's *Modern Dental Materia Medica, Therapeutics and Prescription-Writing*. *Thirty-two hours; one hour lecture and recitation each week, first and second semesters.*

Professor COOLIDGE

### ORTHODONTIA

FREDERICK B. NOYES, B.S., D.D.S., *Professor*

ORTHODONTIA. The fundamental principles of orthodontia; the value and importance of normal occlusion; the relation of normal occlusion to the harmonious development of the features; the various classes of mal-occlusions, with reference to the causes which tend to produce them and the principles involved in their treatment. The lectures are illustrated by lantern slides and the projectoscope. Text-book: Angle's *Malocclusion of the Teeth*. *Thirty-two hours; one lecture a week, first and second semesters; senior class.*

Professor NOYES

(The faculty recognize orthodontia as legitimately a specialty in dentistry; for its practice special training is required. In the future they hope to announce a graduate course giving an adequate training both theoretical and practical for the practice of orthodontia as a specialty.)

## DEPARTMENT OF ANATOMY, HISTOLOGY, AND EMBRYOLOGY

FREDERICK BOGUE NOYES, B.S., D.D.S., *Professor of Histology*

ALBERT CHAUNCEY EYCLESHYMER, M.D., Ph.D., *Professor of Anatomy*

NEWTON G. THOMAS, A.B., D.D.S., *Instructor, Histology*

ROY LEE MOODIE, A.B., Ph.D., *Instructor, Anatomy*

The laboratories for gross anatomy occupy two floors in the Dental Building. They comprise two dissecting rooms and a number of smaller rooms for embalming, sorting, and prosecting. The laboratory for histology and embryology, together with the offices and research laboratories, are on the third floor of the Medical Building. The equipment includes apparatus for embalming, sectioning, macerating, corroding, and digesting; microtomes, microscopes, paraffin ovens, drawing apparatus, chemicals, glassware, Grüber stains, etc. A small museum contains special dissections, osteological preparations, models, sets of histological, neurological and embryological slides, charts, and lantern slides. The departmental library contains nearly all the standard texts and about 2,500 special monographs. All the English, German, and French anatomical journals are received. The Crerar library is readily accessible and makes it possible to consult practically all the anatomical, zoological, and biological literature.

The aims of the department are: To give the freshman student such training in the essentials of anatomy as is necessary to secure a foundation for his later work in physiology and pathology, and to give the junior student a special knowledge of the head and neck as a foundation for his practical dental work.

**SYSTEMATIC ANATOMY.** This course includes a fairly complete dissection of the entire body. Special emphasis is placed upon the respiratory and digestive systems and upon the dissection of the head and neck. Lectures, demonstrations, laboratory work, and recitations. *288 hours; nine hours per week, first and second semesters; freshman year.*

Dr. MOODIE

**TOPOGRAPHICAL ANATOMY.** A study of the head and neck by means of serial section. Special emphasis is placed upon the topography of the organs and structures with which the practical dentist must be familiar. Lectures, recitations, demonstrations, laboratory work. *114 hours; nine hours per week, first semester; junior year.*

Professor EYCLESHYMER, Dr. MOODIE

GENERAL HISTOLOGY. Cell structure and function; the relation of cells and intercellular substances and tissues; the elementary tissues; the histology of the organs of the circulatory system; the alimentary tract and the glands connected with it; the urinary system, the respiratory system, and the skin, nails, and hair. Text-book: Bailey. *128 hours; three hours laboratory work and one hour lecture or quiz, first and second semesters; freshman year.*

Professor NOYES and Dr. THOMAS

DENTAL HISTOLOGY AND EMBRYOLOGY. The tissues of the teeth, the supporting tissues and the tissues of the oral cavity, considered from the dental standpoint. The enamel, with special reference to the operative procedures and especially the preparation of cavity walls. A short course in general embryology and the embryology of the teeth and mouth and jaws. Text-book: Noyes's *Dental Histology and Embryology*. *128 hours; three hours laboratory work and one hour lecture and quiz, first and second semesters; junior year.*

Professor NOYES and Dr. THOMAS

#### GRADUATE STUDY

DENTAL HISTOLOGY. In the summer of 1915 a special course of six weeks in dental histology will be offered for those desiring to prepare themselves for the teaching of this subject in dental schools. The purpose of the course will be to give men some experience in the special technique of this field of histology and a knowledge of the tissues of special interest to the dentist. The course will consist of at least three hours of laboratory work and one hour's lecture or quiz per week. For further information apply to the Dean of the College of Dentistry.

#### *Private Study*

The histological department will undertake to direct and supervise private study for graduates in dentistry who are so situated that they may carry on work in this field. No certificates or credentials will be issued, however, for this work.

## PHYSIOLOGY AND CHEMISTRY

GEORGE PETER DREYER, A.B., Ph.D., *Professor, Physiology and Chemistry*

WILLIAM HENRY WELKER, A.C., Ph.D., *Assistant Professor, Chemistry*

CLAYTON S. SMITH, B.S., M.S., Ph.D., *Instructor, Chemistry*

GROVER TRACY, A.B., *Assistant, Chemistry*

J. CRAIG SMALL, B.S., *Student Assistant, Chemistry*

HOWARD CURL, A.B., *Student Assistant, Physiology*

## PHYSIOLOGY

The students of the College of Dentistry take their work in this subject in the physiological laboratory of the College of Medicine. The work is arranged to fall in the junior year when the preliminary prerequisites, including anatomy, histology, and chemistry, have been in large part completed. The following courses are presented to dental students:

SYSTEMATIC COURSE IN HUMAN PHYSIOLOGY. Didactic instruction, including lectures and recitations. *96 hours; three hours per week, both semesters; junior year.*

Professor DREYER, and Assistants

PRACTICAL PHYSIOLOGY. Demonstrations and practical exercises in the laboratory running parallel with the didactic course. *64 hours; two hours per week, both semesters; junior year.*

Professor DREYER, and Assistants

## CHEMISTRY

The instruction in chemistry is given in the laboratories of the College of Medicine. The following courses are offered to dental students:

GENERAL INORGANIC CHEMISTRY. Metals and non-metals. Text-books: McPherson and Henderson's *Course in General Chemistry*; Remsen's *Chemical Experiments*. *Four hours lecture and recitations, six hours laboratory work per week, first semester; freshman year.*

Mr. TRACY and Mr. SMALL

QUALITATIVE ANALYSIS. The important metals and acids. After a study of the reactions of the individual members of the groups, several unknown solutions are analyzed. Finally several solutions of unknown bases, unknown acids, and unknown bases and acids are analyzed. Text-book: Gooch and Browning's *Outlines in Qualitative Chemical Analyses*. 80 hours; four hours lectures and recitations, six hours laboratory per week, first half of second semester; freshman year. Dr. SMITH, Mr. TRACY, and Mr. SMALL

METALLURGY. The general principles of metallurgy. The special methods applied for the extraction and refining of the various metals used in dentistry. The physical properties of metals. Laboratory analysis of substances that are either directly or indirectly related to dentistry, including ores, alloys, solders, and cements. Refining of gold, silver, and tin. Preparation of alloys and solders. Text-book: Hodgen's *Practical Dental Metallurgy*. 80 hours; four hours lectures and recitations and six hours laboratory per week, second half of second semester; freshman year. Assistant Professor WELKER, Mr. TRACY, and Mr. SMALL

METALLURGY. An advanced course, open to students who have completed satisfactory courses in inorganic chemistry, qualitative analysis, and metallurgy. *Hours to be arranged*.

Assistant Professor WELKER

RESEARCH. The laboratories are open to persons with the requisite scientific training, for the conduct of original investigation under the direction of a member of the staff.

## DENTAL JURISPRUDENCE

ELMER DELBERT BROTHERS, LL.B., *Lecturer on Dental Jurisprudence*

DENTAL JURISPRUDENCE. The principles of law which govern the student's individual and professional rights and obligations. Special emphasis is laid upon the responsibilities which, under the law, arise from the relation of dentist and patient, and also upon the confidential character and inviolability of that relation. The professor in charge will inform students in regard to the dental laws of the various states in which they wish to practice or in which they may be interested. *Senior year*. Mr. BROTHERS



## RADIOGRAPHY

JOHN C. MCGUIRE, D.D.S., *Instructor*

RADIOGRAPHY. The X-ray as a diagnostic agent; its use in general and its value to the dental surgeon. This work is taught largely by means of practical cases. Students individually and collectively are assigned patients from the departments of pathology, therapeutics, oral surgery, and orthodontia. These cases are observed at different stages by means of the radiograph. The student is given the technique incident to exposure, development, etc., so as to prepare him to do radiography in his own office. *Senior year.*

Dr. MCGUIRE

## COMPARATIVE ANATOMY

ELMER S. RIGGS, A.B., A.M., *Lecturer on Comparative Anatomy*

The lectures, beginning with the history of the lowest type of the masticatory apparatus, trace its evolution to the more complicated forms, dealing with food habits and digestive processes. Particular emphasis is given to the comparative study of the teeth of man in the various stages of civilization. *15 hours, one hour each week, second semester; senior year.*

Mr. RIGGS

## PRACTITIONERS' COURSES

I. ORAL SURGERY. Instruction in preparation and use of novocain; its application in pulp extirpation, extraction of teeth, cavity preparation, and oral surgery. General clinical instruction in oral surgery. *Hours to be announced.*

Professor MOOREHEAD, Assistant Professor SCHULTZ, and Assistants

II. RADIOGRAPHY. General considerations of the sciences of radiology; selection of apparatus; exposure and development of plates and films; interpretation of plates and films. *Hours to be announced.*

Dr. MCGUIRE, and Assistants

III. THERAPEUTICS. General considerations of root-canal technic. Preparation and filling of root canals. Use of radiographs in root-canal work. *Hours to be announced.*

Professor COOLIDGE, Dr. KREJCI

These courses will be given conjointly.

Students enrolled after October 1, 1915. Class limited to twenty-five. Fee for all courses, \$25.00.

## SUMMARY OF COURSE

## FRESHMAN YEAR

Departments	Hours		
	Didactic	Laboratory	Total
Materia Medica.....	32	..	32
Anatomy.....	64	256	320
Histology.....	32	96	128
Chemistry.....	96	192	288
Operative Technic.....	..	256	256
Dental Anatomy.....	32	..	32
Prosthetic Technic.....	..	256	256
	256	1056	1312

## JUNIOR YEAR

Departments	Hours		
	Didactic	Laboratory	Total
Anatomy.....	*32	*128	160
Physiology.....	64	96	160
Materia Medica.....	32	..	32
Bacteriology.....	*16	*96	112
Pathology.....	†16	†96	112
Histology.....	32	96	128
Prosthetic Dentistry.....	32	256	288
Operative Dentistry.....	32	128	160
Comparative Anatomy.....	†16	..	†16
Metallurgy.....	10	..	10
	282	896	1178

\*First Semester.

†Second Semester.

## SENIOR YEAR

Departments	Hours			
	Didactic	Laboratory	Clinic	Total
Special Bacteriology & Path.	32	64	..	96
Oral Surgery.....	64	..	96	160
Extracting.....	..	..	256	256
Therapeutics.....	64	..	..	64
Orthodontia.....	32	..	128	160
Prosthetic Dentistry.....	64	..	448	512
Operative Dentistry.....	64	..	448	512
Porcelain Art.....	16	80	..	96
Jurisprudence (Dental).....	16	..	..	16
Ethics and Economics.....	10	..	..	10
	362	144	1376	1882

## TEXT BOOKS

Students are requested to consult the head of each department before purchasing text books. The most recent editions are required in every case.

## MISCELLANEOUS

## FEEs

Matriculation fee (paid each year).....	\$ 5.00
Tuition, each year (including laboratory and dissection fees) .	150.00
Locker fee .....	2.00
	<u>\$157.00</u>
Diploma fee .....	\$5.00

Fees are not returned to students who are suspended or expelled or to those who are absent for any cause except illness. Payments should be made in currency or in Chicago exchange drawn to the order of the University of Illinois.

FEES ARE PAYABLE IN ADVANCE. Students unable to meet this requirement must make satisfactory arrangements with the Dean at the beginning of the course.

## BOARD AND ROOMS

Board and rooms convenient to the College can be obtained at prices varying from four to six dollars a week; rooms without board, furnished or unfurnished, can be obtained at from six to ten dollars per month. Students often club together and thus reduce their expenses.

## EMPLOYMENT BUREAU, ROOM REGISTER, INFORMATION BUREAU

The University maintains an Employment Bureau, Room Register, and Information Bureau, under the direction of Mr. Carl A. Metzger, which will assist students in finding desirable rooms and boarding places or in securing employment, and will endeavor to give them any other information which they may need.

## FURTHER INFORMATION

This announcement applies to the session beginning October 6, 1915, and all requirements, fees, and regulations mentioned in it apply to this college year alone. The Trustees of the University reserve the right to make changes in succeeding announcements. Conditions specified in the catalog cannot be modified except upon the written consent of the proper officials of the University.

For further information, address

THE DEAN OF THE COLLEGE OF DENTISTRY  
Harrison and Honore Streets, Chicago, Ill.

## STUDENTS, 1914-15

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### SENIOR CLASS, 1914-1915

Baumstein, Michael	<i>Illinois</i>
Beihler, Rudolph, M.D.	<i>Germany</i>
Brogmus, Ernest J. P.	<i>Illinois</i>
Bortz, Louis William	<i>Indiana</i>
Deist, Milzor William	<i>Kansas</i>
Dierks, George W.	<i>Ohio</i>
Felcher, George Leonard	<i>Illinois</i>
Fonda, James Everett	<i>Nebraska</i>
Fullerton, Richard Maxwell	<i>Michigan</i>
Gallie, Donald Muirhead	<i>Illinois</i>
Goodfriend, Samuel Herman	<i>Illinois</i>
Hansen, Harold O.	<i>Wisconsin</i>
Hough, John Francis	<i>Illinois</i>
*Hussey, Frank	<i>Iowa</i>
Krejci, Edward John	<i>Indiana</i>
Martin, Carl David	<i>Illinois</i>
Schroeder, Walter Hubert	<i>Illinois</i>
Steinburg, Abel David	<i>Illinois</i>
Sommerfield, Nate	<i>Illinois</i>
Werninghaus, William Ernest	<i>Illinois</i>
White, Leland J.	<i>Illinois</i>
†Irimajiri, Naoshige	<i>Japan</i>
†Ohta, Letsuo	<i>Japan</i>

### JUNIOR CLASS, 1914-1915

Anderman, Sanford	<i>Illinois</i>
Beistle, Harry	<i>Michigan</i>
Berman, Harold H.	<i>Illinois</i>
Bernstein, Nathan M.	<i>Illinois</i>
Blaine, Luther L.	<i>Wyoming</i>
Blair, Maurice I.	<i>Illinois</i>

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\*Not in attendance.

†Special Students.

Bonney, Thomas Chew	<i>South Dakota</i>
Bostik, E. Joseph	<i>Kansas</i>
Coltman, Harry D.	<i>Illinois</i>
Condit, Harold	<i>Illinois</i>
Cusick, William A.	<i>Illinois</i>
Dixon, Robert J.	<i>Wisconsin</i>
Felz, John H.	<i>Illinois</i>
Fraser, Ruple	<i>Michigan</i>
Harnick, H. H.	<i>Illinois</i>
Humphrey, Robert I.	<i>Illinois</i>
Ihle, Chester	<i>Minnesota</i>
Jelen, Vladimir	<i>Illinois</i>
Jesser, Jacob	<i>Illinois</i>
Johnson, Ernest G.	<i>Minnesota</i>
Koch, Lawrence M.	<i>Indiana</i>
Kohn, Morris	<i>Illinois</i>
Kousnetz, L. B.	<i>Illinois</i>
Lincoln, Richard G.	<i>Illinois</i>
Litscher, A. Arthur	<i>Wisconsin</i>
Loewenthal, Louis G.	<i>Illinois</i>
McCornell, Charles J.	<i>Illinois</i>
Orloff, Louis D.	<i>Illinois</i>
Person, Allgott G.	<i>Illinois</i>
Playman, Harold L.	<i>Wisconsin</i>
Reiseman, Henry	<i>Illinois</i>
Richter, Miss Camilla	<i>Illinois</i>
Saubert, Arthur F.	<i>Illinois</i>
Smith, B. Q.	<i>Missouri</i>
Smith, P. W.	<i>North Dakota</i>
Schlussel, Noah	<i>Michigan</i>
Tarkovsky, L. A.	<i>Illinois</i>
Upp, Roscoe W.	<i>Illinois</i>
Welch, Harold W.	<i>Illinois</i>
Wood, Max	<i>Michigan</i>

## FRESHMAN CLASS, 1914-1915

Albers, William	<i>Wisconsin</i>
Anderson, Martin Rudolph	<i>Illinois</i>
Baird, William Glen	<i>Oregon</i>
Dolson, John Lewis	<i>Michigan</i>

Epstein, Alex	<i>Illinois</i>
Franzwa, Charles Francis	<i>Wisconsin</i>
Fields, George William	<i>Illinois</i>
Ihde, Dean Elbert	<i>Wisconsin</i>
Jaros, Joseph Edward	<i>Illinois</i>
Jarrett, Frank Alfred	<i>Illinois</i>
Kuzow, Louis	<i>Illinois</i>
Kubacki, Waclaw H.	<i>Illinois</i>
Lasker, Herman D.	<i>Illinois</i>
Lee, Carl Sigwart	<i>Wisconsin</i>
Mersheimer, James Dwight	<i>Illinois</i>
Nemecek, Charles A.	<i>Illinois</i>
Ostrowski, Theodore Charles	<i>Illinois</i>
Rubin, Edward Allen	<i>Illinois</i>
Reckard, Harry Jefferson	<i>Illinois</i>
Shalek, Victor James	<i>Illinois</i>
Sherman, Robert Isadore	<i>Illinois</i>
Schiltz, Alfred Francis	<i>Iowa</i>
White, Leslie George	<i>Illinois</i>
Williams, James A.	<i>Alabama</i>
Winsberg, Harry	<i>Illinois</i>

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## COLLEGE ALUMNI ASSOCIATION

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Advise the Alumni Secretary of any changes of address of the members of the association; information of deaths should also be communicated.

### OFFICERS

- DR. C. M. LOESCHER, '04, President  
 DR. L. N. DANIELS, '02, Vice-President  
 DR. ARTHUR G. NAUMAN, '05 Secretary, College  
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